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PATENT APPLICATION: US/09/754,853A

DATE: 03/13/2002 P.6
TIME: 09:32:15

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1 <110> APPLICANT: Hauge, Brian M.
2   Parnell, Laurence D.
3   Parsons, Jeremy D.
4   Wang, Ming Li
6 <120> TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
7   Soybean Cyst Nematode Resistance
9 <130> FILE REFERENCE: 38-10(15810)B
11 <140> CURRENT APPLICATION NUMBER: US/09/754,853A
13 <141> CURRENT FILING DATE: 2001-01-05
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16 <151> PRIOR FILING DATE: 2000-01-07
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414 ttaaatcgac ctaatctgat catgaatgaa tttgatcgag atggatttgt tattaataaa 11580
416 agttcaaaaa taattttctt aaatttttta aaatatattt tagaatttac aatacaatta 11640
418 cttgtaatat agttgcataa aaaaaattaa ccaccaattt caatgcacat attaactgca 11700
420 tcaataaatc aaattgaaaa caagtaacca acaaacattt aatttataaa gcaataata 11760
422 ctaaatcaaa tttaaccat aaagcagata acaaatgtc ttgaaaactt agtaacttta 11820
424 taaagtacac actagtacaa aataaactta aaatcatccc aaaaaatata taatactaca 11880
426 atagaaacac tgcaatatag tgataatgtc agacaattgc tcaaccagcc aacctcacac 11940
428 atagaaacac ggtaagcaaa agatcaaaat caattattat actaataata aatttaaaat 12000
430 atgctatgca gaaaaagaa atatgccaaa aaagaaatca tatcataaac taagttaaaa 12060
432 atattacctt aagaactaat agtcctaact cccaatacta atactcctaa gaatagtcca 12120
434 agtagtaatc ctaacactaa cattatttaa agtcaaacca tacaacttta aaaaatgttt 12180
436 taaaaagttc atcataacat aatatcaatt tatattcata ttgtaaacaa acggaaaaaa 12240
438 aaaaagaaac tattattgaa taactagttc catctttttt gtttcatcta attcaactcg 12300
440 taaatcaccg acattttgct tattagtttt gagtcaattt tgggtacaaa tcaaagcttc 12360
442 aacagtaatg ggacttaaa aactacaaaa atggatcaag cactcaacct tttgtactaa 12420
444 atgcagactc aaatgacaca atagacataa gaatgaccaa tatatctcta gccatgaaa 12480
446 aaataacatg atatttggat gctttcattt tccaccatgc caaaatgtca aatccaagac 12540
448 cgtcatcttc attgtcatcc tttaaataca tatccaaact actcctttgc tattcaccac 12600
450 attttttatt cattttcaat cttaaattgg cgtcccaatc ctcatcctca tcaacatcgt 12660
452 tggcattacc ttgtgaagca tggatgaag ccaaagtact agaattacta ctatcaatgg 12720
454 aaataggatg ttctgaagca tattcaacaa acatttttct tataagatca tccaattttt 12780
456 tcagcatctc ttgtgtttgg tcaacaccat gcattttctt aaaacaaaa tcaatataat 12840
458 caaatttata acacagatca agaaaagcag tcacaaataa aagatagcta atctgatcac 12900
460 tctctcaata cttgttaaac ttgagtgtga tattagtgt ctcttttgta tcaccggatc 12960
462 atcctcatgc ctccatctat ttaggcattt ctgaatagta accaacttct taaagaaatt 13020
464 cttagctgta acatgtagt acccagaaaa aaaaattgca tcatagaaaa ctttcaaaaa 13080
466 actcacaac acacgagcat gtttctaact catctcttta ggacatctc cttcactatt 13140
468 tagaagagtg agcacatat cagcctcaac atactcataa cgattgaaag cttgttcaaa 13200

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/754,853A

DATE: 03/13/2002
TIME: 09:32:16

Input Set : F:\00330v2.txt
Output Set: N:\CRF3\03132002\I754853A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 261022,261023,261024,261025,261026,261027,261028,261029
Seq#:4; N Pos. 261030,261031,261032,261033,261034,261035,261036,261037
Seq#:4; N Pos. 261038,261039,261040,261041,261042,261043,261044,261045
Seq#:4; N Pos. 261046,261047,261048,261049,261050,261051,261052,261053
Seq#:4; N Pos. 261054,261055,261056,261057,261058,261059,261060,261061
Seq#:4; N Pos. 261062,261063,261064,261065,261066,261067,261068,261069
Seq#:4; N Pos. 261070,261071
Seq#:4; N Pos. 305346,305347,305348,305349,305350,305351,305352,305353
Seq#:4; N Pos. 305354,305355,305356,305357,305358,305359,305360,305361
Seq#:4; N Pos. 305362,305363,305364,305365,305366,305367,305368,305369
Seq#:4; N Pos. 305370,305371,305372,305373,305374,305375,305376,305377
Seq#:4; N Pos. 305378,305379,305380,305381,305382,305383,305384,305385
Seq#:4; N Pos. 305386,305387,305388,305389,305390,305391,305392,305393
Seq#:4; N Pos. 305394,305395,305396,305397,305398,305399,305400,305401
Seq#:4; N Pos. 305402,305403,305404,305405,305406,305407,305408,305409
Seq#:4; N Pos. 305410,305411,305412,305413,305414,305415,305416,305417
Seq#:4; N Pos. 305418,305419,305420,305421,305422,316281,316282,316283
Seq#:4; N Pos. 316284,316285,316286,316287,316288,316289,316290,316291
Seq#:4; N Pos. 316292,316293,316294,316295,316296,316297,316298,316299
Seq#:4; N Pos. 316300,316301,316302,316303,316304,316305,316306,316307
Seq#:4; N Pos. 316308,316309,316310,316311,316312,316313,316314,316315
Seq#:4; N Pos. 316316,316317,316318,316319,316320,316321,316322,316323
Seq#:4; N Pos. 316324,316325,316326,316327,316328,316329,316330,316331
Seq#:4; N Pos. 316332,316333,316334,316335,316336,316337,316338,316339
Seq#:4; N Pos. 316340,316341,316342,316343,316344,316345,316346,316347
Seq#:4; N Pos. 316348,316349,316350,316351,316352,316353,316354,316355
Seq#:4; N Pos. 316356,316357,316358,316359,316360,316361,316362,316363
Seq#:4; N Pos. 316364,316365,316366,316367,316368,316369,316370,316371
Seq#:4; N Pos. 316372,316373,316374,316375,316376,316377,316378,316379
Seq#:4; N Pos. 316380,316381,316382,316383,316384,316385,316386,316387
Seq#:4; N Pos. 316388,316389,316390,316391,316392,316393,316394,316395
Seq#:4; N Pos. 316396,316397,316398,316399,316400,316401,316402,316403
Seq#:4; N Pos. 316404,316405,316406,316407,316408,316409,316410,316411
Seq#:4; N Pos. 316412,316413,316414,316415,316416,316417,316418,316419
Seq#:4; N Pos. 316420,316421,316422,316423,316424,316616

VERIFICATION SUMMARY

DATE: 03/13/2002

PATENT APPLICATION: US/09/754,853A

TIME: 09:32:16

Input Set : F:\00330v2.txt

Output Set: N:\CRF3\03132002\I754853A.raw

L:5862 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 2
L:6024 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 2
L:17363 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 3
L:35816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:260974
L:35818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:261034
L:37294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:305314
L:37296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:305374
L:37658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:316234
L:37660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:316294
L:37662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:316354
L:37664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:316414
L:37670 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:316594
L:44622 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 8
L:44784 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 8
L:45079 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 9
L:45384 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 10
L:45681 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 11
L:45985 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 12
L:46280 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 13
L:46425 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 14
L:46587 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 14
L:46882 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 15
L:47027 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 16
L:47189 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 16
L:47484 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 17
L:47789 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 18
L:48088 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 19
L:48390 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 20
L:48689 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 21
L:48991 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 22
L:49290 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 23